

B80

**1. REWRITE TYPE IC INFORMATION CARRYING MEDIUM**

PAJ 10-01-00 00285219 JP NDN- 043-0190-7829-5

INVENTOR(S)- UKO, KEIICHI

PATENT APPLICATION NUMBER- 11130437

DATE FILED- 1999-03-31

PUBLICATION NUMBER- 00285219 JP

DOCUMENT TYPE- A

PUBLICATION DATE- 2000-10-13

INTERNATIONAL PATENT CLASS- G06K019077; B42D01510

APPLICANT(S)- TOPPAN FORMS CO LTD

PUBLICATION COUNTRY- Japan

PROBLEM TO BE SOLVED: To easily form a rewrite display part and to display information while imparting an electric charge without performing heat treatment by forming the rewrite display part from a microcapsule including dispersion liquid formed by dispersing at least one kind of electrophoretic particles with different hue from a dispersion medium in the dispersion medium and paint mainly consisting of binder components.

SOLUTION: The rewrite display part 4 to visually recognize recorded information is provided on the surface of a medium 2. The rewrite display part 4 is formed from the microcapsule including the dispersion liquid formed by dispersing at least one kind of the electrophoretic particles with different hue from the dispersion medium in the dispersion medium and the paint mainly consisting of the binder components. Various organic and inorganic pigment, dye, metallic powder or fine powder such as resin, which are either positively or negatively electrified, for example, titanium oxide, carbon black, etc., are preferably used as the electrophoretic particles. The electrophoretic particles are preferably dispersed in the dispersion medium by 5 to 50 wt. %.

COPYRIGHT: (C)2000,JPO

---